

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	7744	nozzle adj arrangement	US-PGPUB; USPAT	OR	ON	2008/09/29 14:29
S2	77	nozzle adj arrangement and slot and even adj flow	US-PGPUB; USPAT	OR	ON	2008/09/29 14:33
S3	888	134/198.ccls.	US-PGPUB; USPAT	OR	ON	2008/09/29 14:33
S9	10408	nozzle and plastic and metal and slot and even and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/09/30 15:49
S10	11423	nozzle and plastic and metal and slot and even and flow	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/09/30 15:50
S11	974	plastic adj nozzle	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/09/30 15:57
S12	3	plastic adj nozzle and fluid adj treatment	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/09/30 15:57
S13	3	"6250318" and metal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/15 14:40
S14	1	"1971376" and metal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/15 14:40
S15	873	semi-conductor and wash and device	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/15 14:42
S16	173	semi-conductor and wash and device and nozzle and fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/15 14:42
S17	176	(semi-conductor or semi adj conductor) and wash and device and nozzle and fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/15 14:42
S18	2	"6824751"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/15 14:52

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S19	9	"1398004"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/15 14:52
S20	20	"5334352"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/15 14:53
S21	23	("1971346" "3212719" "4132363" "4466574" "4789405" "4846202" "5334352" "5540247" "5850841" "6250318").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/15 14:54
S22	770	b05b1/20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/15 15:00
S23	14	b05b1/20 and plastic and metal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/15 15:00
S24	2157	semi-conductor cleaning apparatus	US-PGPUB; USPAT	AND	ON	2008/10/20 18:30
S25	505	semi-conductor cleaning apparatus and plurality and nozzle	US-PGPUB; USPAT	AND	ON	2008/10/20 18:30
S26	322	semi-conductor cleaning apparatus and plurality and nozzle and metal and plastic	US-PGPUB; USPAT	AND	ON	2008/10/20 18:30
S27	328	(semi-conductor or semi adj conductor) cleaning apparatus and plurality and nozzle and metal and plastic	US-PGPUB; USPAT	AND	ON	2008/10/20 18:32
S28	382	(semi-conductor or semi adj conductor) (cleaning or clean or cleaner) and apparatus and plurality and nozzle and metal and plastic	US-PGPUB; USPAT	AND	ON	2008/10/20 18:32
S29	9	(semi-conductor or semi adj conductor) (cleaning or clean or cleaner) and apparatus and plurality and nozzle and metal and plastic	USOCR; EPO; JPO; DERWENT	AND	ON	2008/10/20 18:39
S30	37	semi-conductor and wash and device and nozzle and fluid and clean and plastic and metal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 11:19
S31	95	134/86.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 11:20
S32	1180	"134" and plastic and metal and (semi-conductor or semi adj conductor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 11:31

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S33	569	"134" and plastic and metal and (semi-conductor or semi adj conductor) and (clean or wash or rinse or clean\$ or wash\$3 or rins\$3) and fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 11:32
S34	583	"134" and plastic and metal and (semi-conductor or semi adj conductor) and (clean or wash or rinse or clean\$3 or wash\$3 or rins\$3) and fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/23 11:35
S35	1484	134/198.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/23 11:44
S36	9371	239/548-568.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/23 13:55
S37	7703	239/589-601.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/23 13:55
S38	195	(plastic\$4 or synthetic or polymeric\$4 or molded or moulded or polymer or resin\$4 or polypropylene) and ("134".clas. or "239".clas.) and (semi-conductor or semi adj conductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/23 14:09
S39	10	"1187515"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/23 14:19
S40	1051	(plastic\$4 or synthetic or polymeric\$4 or molded or moulded or polymer or resin\$4 or polypropylene) and ("134".clas. or "239".clas.) and (printed and circuit and board)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/23 14:23
S41	1778	"134" and plastic and metal and (printed adj circuit adj board) and (clean or wash or rinse or clean\$ or wash\$3 or rins\$3) and fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 15:02
S42	3055	(printed adj circuit adj board) and wash and device	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 15:03
S43	2129	239/548-550.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/23 15:07

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S44	981	239/548.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/23 15:07
S45	38636	"239" and nozzle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/23 15:07
S46	473	"239" and nozzle and printed adj circuit adj board	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/23 15:07
S47	288	"239" and nozzle and printed adj circuit adj board and fluid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/23 15:08
S48	319	134/72.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/24 13:40
S49	487	134/72.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/24 13:40
S53	2529	"134" and metal and (printed adj circuit adj board) and (clean or wash or rinse or clean\$ or wash\$3 or rins\$3) and fluid	US-PGPUB; USPAT	OR	ON	2009/01/21 19:19
S54	1904	"134" and metal and (printed adj circuit adj board) and (clean or wash or rinse or clean\$ or wash\$3 or rins\$3) and fluid and (support or stiffen\$4)	US-PGPUB; USPAT	OR	ON	2009/01/21 19:19
S56	24	metal adj bracket and parallelepiped	US-PGPUB; USPAT	OR	OFF	2009/01/22 10:57
S57	579	metal near (bracket or support or stiff\$5) and (parallelepiped or rectangular) and nozzle	US-PGPUB; USPAT	OR	OFF	2009/01/22 11:02
S58	287	metal near (bracket or support or stiff\$5) and (parallelepiped or rectangular) and nozzle and fluid	US-PGPUB; USPAT	OR	OFF	2009/01/22 11:08
S59	6	metal near (bracket or support or stiff\$5) and (parallelepiped or rectangular) and nozzle and fluid and "134".das.	US-PGPUB; USPAT	OR	OFF	2009/01/22 11:13
S60	54	("2489097"   "2822635"   "3328997"   "3344729"   "3358980"   "3502563"   "3509851"   "3561163"   "3682185"   "3687145"   "3734109"   "3871914"   "3871982"   "3962060"   "4162955").PN. OR ("4270317").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/22 11:14

## EAST Search History

S61	29	S60 and metal	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/22 11:14
S62	0	("2006/0102213").URPN.	USPAT	OR	OFF	2009/01/22 11:16
S63	38660	nozzle and metal	EPO; JPO; DERWENT	OR	OFF	2009/01/22 11:16
S64	43	nozzle near metal and (support or bracket)	EPO; JPO; DERWENT	OR	OFF	2009/01/22 11:17
S65	77	nozzle same metal near member	EPO; JPO; DERWENT	OR	OFF	2009/01/22 11:21
S68	1053	metal same support same member same nozzle same fluid	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/22 11:33
S69	44	metal same support same member same nozzle same fluid and "134".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/22 11:33
S70	0	final adj rejection and laundry near modul\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/22 16:04
S76	1696	(narrowing or narrowed or t-shape or countersinking or countersink) same (fluid or flow or passage or channel or pipe) and nozzle and fluid and housing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/27 11:04
S77	1683	(narrowing or narrowed or t-shape or countersinking or countersink) same (fluid or flow or passage or channel or pipe) and nozzle and fluid and housing	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 11:04
S78	101	(narrowing or narrowed or t-shape or countersinking or countersink) same (fluid or flow or passage or channel or pipe) same nozzle same fluid same housing	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 11:05
S79	39	("1414605" "1423844" "1679561" "181764 4" "1841414" "1910235" "2142947" "2723 407" "3199957" "3599267" "3748678" "41 54258" "4461052" "4581785" "4780922" " 4780992" "5146642" "5235717" "5301472"  "5987622" "0518352" "6068204" "658266 8" "6594843" "6792639" "6814306" "7011 254" "0843377").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 11:05
S80	344	(c-shaped or u-shaped or c-shape or u-shape) near (bracket or((support\$3 or stiff\$5) near (member or bracket))) and (housing near (parallelepiped or boxed or box-shaped or box-shape or cube or cubed or cubic or rectang\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 14:27

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S81	20	(c-shaped or u-shaped or c-shape or u-shape) near (bracket or((support\$3 or stiff\$5) near (member or bracket))) and (housing near (parallelepiped or boxed or box-shaped or box-shape or cube or cubed or cubic or rectang\$4)) and nozzle	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 14:31
S82	675	nozzle same (parallelepiped or box\$6 or rectang\$4 or cub\$2) near housing	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 14:47
S83	1031	nozzle same ((parallelepiped or box\$6 or rectang\$4 or cub\$2) near (housing or casing))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 14:47
S84	325	nozzle same (parallelepiped or box\$6 or rectang\$4 or cub\$2) near housing and fluid	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 14:48
S85	151	nozzle same (c-shaped or u-shaped or u-shape or c-shape) near (support\$3 or stiffen\$4 or reinforc\$3) and fluid	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 14:54
S86	44	nozzle same (c-shaped or u-shaped or u-shape or c-shape) near (support\$3 or stiffen\$4 or reinforc\$3) and fluid and box	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 15:01
S87	56	nozzle same (c-shaped or u-shaped or u-shape or c-shape) near (support\$3 or stiffen\$4 or reinforc\$3) and fluid and housing	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 15:01
S88	1462	(c-shaped or u-shaped or u-shape or c-shape) near (support\$3 or stiffen\$4 or reinforc\$3) and fluid and housing	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 15:02
S89	15	(c-shaped or u-shaped or u-shape or c-shape) near (support\$3 or stiffen\$4 or reinforc\$3) and fluid and (plastic near1 housing)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 15:02
S90	15	(support\$3 or stiffen\$4 or reinforc\$3) near (c-shaped or u-shaped or u-shape or c-shape) and fluid and (plastic near1 housing)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 15:03
S91	2467	nozzle with (c-shaped or u-shaped or u-shape or c-shape) and fluid	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 15:13
S92	669	nozzle near5(c-shaped or u-shaped or u-shape or c-shape) and fluid	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 15:13